

TESTING REQUIREMENTS

SOILS:

SUBGRADE:

* PROOF ROLL AND REPAIR AS NEEDED

* COMPACT TO 95% D698 AT ±2% MOISTURE

* PROCTORS AS NEEDED

1 DENSITY EVERY 10,000 SQUARE FEET

FILL:

* PROOF ROLL AND REPAIR AS NEEDED

* SELECT FILL (AS RECOMMENDED BY DESIGN)

* COMPACT TO 95% D698 AT ±2% MOISTURE (OR AS RECOMMENDED BY DESIGN)

* PROCTORS AS NEEDED

* 1 DENSITY EVERY 10,000 SQUARE FEET IN THE TOP 2 FEET OF FILL

* 1 DENSITY EVERY 20,000 SQUARE FEET IF BELOW TOP 2 FEET OF FILL

UTILITY LINE BACKFILL (NOT SUBJECT TO VEHICULAR TRAFFIC):

* COMPACT TO 95% D698 PER 10" COMPACTED LIFT

UTILITY LINE BACKFILL (SUBJECT TO VEHICULAR TRAFFIC):

* COMPACT TO 90% D698 PER 6" COMPACTED LIFT

RETAINING WALL BACKFILL:

* COMPACT TO 95% D698 AT ±2% MOISTURE (OR AS RECOMMENDED BY DESIGN)

TREATED SUBGRADE:

* PROOF ROLL AND REPAIR PRIOR TO TREATING

* COMPACT TO 95% D1557 AT ±2% MOISTURE

* PROCTOR SAMPLES AS NEEDED

* 1 DENSITY EVERY 10,000 SQUARE FEET

TESTING REQUIREMENTS

SOILS:

TREATED SUBGRADE (CONT'D):

* PULVERIZATION CHECKS (100% PASSING 1-1/2" SIEVE, 85% PASSING 3/4" AND 60% PASSING NO. 4 SIEVE) EVERY 10,000 SQUARE FEET (MINIMUM ONE PER DAY PER SOIL TYPE)

* TREATED THICKNESS CHECKS EVERY 10,000 SQUARE FEET

BASE:

* COMPACT TO 95% D1557 AT ±2% MOISTURE

* TXDOT TYPE A, GRADE 2 BASE (OR AS RECOMMENDED BY DESIGN)

* 1 DENSITY EVERY 10,000 SQUARE FEET

* THICKNESS CHECKS EVERY 10,000 SQUARE FEET

ASPHALT:

TESTING IS BASED ON ~ 600 TONS PER DAY OF PLACEMENT (I.E. 1 LOT = 600 TONS). SMALL DAYS PLACEMENT (UNDER 250 TONS) AS DIRECTED BY CITY OR ENGINEER.

* TXDOT ITEM 340

* 4 CORES PER DAY MUST BE 92%. QC PERFORMED BY CONTRACTOR. CORES TO BE CUT BY CONTRACTOR AND DELIVERED TO LAB FOR TESTING.

* 1 EXTRACTION / GRADATION PER DAY (MAY BE PROVIDED BY THE ASPHALT PLANT IF AGREEMENT IS MADE WITH CITY)

* 1 SET OF PATTIES PER DAY (MAY BE PROVIDED BY THE ASPHALT PLANT IF AGREEMENT IS MADE WITH CITY)

* 1 RICE PER DAY (MAY BE PROVIDED BY THE ASPHALT PLANT IF AGREEMENT IS MADE WITH CITY)

CONCRETE:

MISC. CONCRETE (SIDEWALKS, CURB AND GUTTER, ETC):

* SLUMP 4" MAXIMUM

* AIR 5% ±1%

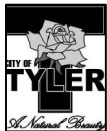
* 1 SET OF 4 CYLINDERS PER DAY'S PRODUCTION (7, 28, 28, SP)

CONCRETE PAVING:

* SLUMP 4" MAXIMUM

* AIR 5% ±1%

* 1 SET OF 4 CYLINDERS EVERY 150 CUBIC YARDS OR PER DAY'S PRODUCTION (7, 28, 28, SP)



CITY OF TYLER
STANDARD DETAIL

TESTING REQUIREMENTS
FOR PAVING

REVISION DATE:
MAY 14, 2021